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THIS PROGRAM SOURCE FILE IS SUPPLIED IN CONFIDENCE
TO THE CUSTOMER; THE CONTENTS OR DETAILS OF ITS
OPERATION MAY ONLY BE DISCLOSED TO PERSONS EMPLOYED
BY THE CUSTOMER WHO REQUIRE A KNOWLEDGE OF THE
SOFTWARE CODING TO CARRY OUT THEIR JOB. DISCLOSURE TO
ANY OTHER PERSON MUST HAVE PRIOR AUTHORISATION FROM THE
DIRECTORS OF REDAC SOFTWARE LIMITED

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10      .TITLE MESS1
11      .GLOBL MESS1,MESS2
12      00000 R 000000 A  PUSBT .CBD PUSBT 1
13      00001 R 740040 A  MESS1 XX
14      00002 R 723777 A  AAC -1
15      00003 R 060156 R  DAC* (11 /ADDR OF Y,NAME AND SRG.
16      00004 R 220011 A  LAC* 11
17      00005 R 040155 R  DAC Y#
18      00006 R 220011 A  LAC* 11
19      00007 R 040153 R  DAC NAME
20      00010 R 641002 A  LACQ
21      00011 R 040150 R  TAG1 DAC BUFFAD# /OUTPUT BUFFER
22      00012 R 360150 R  TAD* BUFFAD
23      00013 R 540150 R  SAD BUFFAD /CHECK FOR NEW BUFFER
24      00014 R 723004 A  AAC 4
25      00015 R 723776 A  AAC -2
26      00016 R 060157 R  DAC* (12 /SET UP FOR FILLING
27      00017 R 200150 R  LAC BUFFAD
28      00020 R 723002 A  AAC 2
29      00021 R 040152 R  DAC D.2# /FULL ADDRESS OF BUFF+2
30      00022 R 723777 A  AAC -1
31      00023 R 500160 R  AND (17777 /13 BIT ADDRESS OF BUFF+1
32      00024 R 040151 R  DAC D.1#
33      00025 R 340161 R  TAD (620000
34      00026 R 060152 R  DAC* D.2 /SET UP RETURN JMP
35      00027 R 200155 R  LAC Y
36      00030 R 340162 R  TAD (140000
37      00031 R 060012 A  DAC* 12 /YPOS.
38      00032 R 200163 R  LAC (144000
39      00033 R 060012 A  DAC* 12 /XPOSITION
40      00034 R 140154 R  DZM NFALG# /INDICATOR FOR NAME
41      00035 R 200153 R  LAC NAME
42      00036 R 741200 A  SNA
43      00037 R 600050 R  JMP .+11
44      00040 R 340164 R  TAD (234400
45      00041 R 060012 A  DAC* 12 /NAME PARAMETER
46      00042 R 200165 R  LAC (10000
47      00043 R 040154 R  DAC NFALG
48      00044 R 200166 R  LAC (40
49      00045 R 060012 A  DAC* 12
50      00046 R 060012 A  DAC* 12
51      00047 R 060012 A  DAC* 12
52      00050 R 220011 A  LUP LAC* 11
53      00051 R 652000 A  LMQ
54      00052 R 640607 A  LLS 7
55      00053 R 100072 R  JMS PACK
56      00054 R 640607 A  LLS 7
57      00055 R 100072 R  JMS PACK
58      00056 R 640604 A  LLS 4
59      00057 R 040153 R  DAC NAME
60      00060 R 220011 A  LAC* 11
61      00061 R 652000 A  LMQ

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PAGE	3	MESS1	SRC	MESS1
62		00062	R 200153 R	LAC NAME
63		00063	R 640603 A	LLS 3
64		00064	R 100072 R	JMS PACK
65		00065	R 640607 A	LLS 7
66		00066	R 100072 R	JMS PACK
67		00067	R 640607 A	LLS 7
68		00070	R 100072 R	JMS PACK
69		00071	R 600050 R	JMP LUP
70				/
71				/
72				/
73		00072	R 740040 A	PACK XX
74		00073	R 500167 R	AND (177
75		00074	R 741200 A	SNA
76		00075	R 620072 R	JMP* PACK /NULL
77		00076	R 540170 R	SAD (54 /,
78		00077	R 600107 R	JMP CR
79		00100	R 540171 R	SAD (137
80		00101	R 600116 R	JMP END /_
81		00102	R 540172 R	SAD (175
82		00103	R 600116 R	JMP END /ALT MODE
83		00104	R 340154 R	TAD NFALG /SET VISIBLE IF NAMED
84		00105	R 060012 A	DAC* 12
85		00106	R 620072 R	JMP* PACK
86		00107	R 200157 R	CR LAC (12
87		00110	R 060012 A	DAC* 12
88		00111	R 200173 R	LAC (15
89		00112	R 060012 A	DAC* 12
90		00113	R 200166 R	LAC (40
91		00114	R 060012 A	DAC* 12
92		00115	R 620072 R	JMP* PACK
93		00116	R 200174 R	END LAC (210016
94		00117	R 060012 A	DAC* 12 /OFFSET OFF LITEPEN ON
95		00120	R 200151 R	LAC D.1
96		00121	R 340161 R	TAD (620000
97		00122	R 060012 A	DAC* 12
98		00123	R 200150 R	LAC BUFFAD
99		00124	R 740031 A	TCA
100		00125	R 360157 R	TAD* (12
101		00126	R 060150 R	DAC* BUFFAD /NUMBER OF WORDS
102		00127	R 200175 R	LAC (210017 /LP ON OFFSET IN
103		00130	R 060152 R	DAC* D.2
104		00131	R 620001 R	JMP* MESS1
105				/
106				/
107				/
108		00132	R 740040 A	MESS2 XX /FORTRAN CALLABLE
109		00133	R 220000 R	LAC* PUSBUT
110		00134	R 040150 R	DAC BUFFAD
111		00135	R 160150 R	DZM* BUFFAD /SET BUFFER TO ZERO
112		00136	R 200176 R	LAC (1750 /MESSAGE POS=1000
113		00137	R 040155 R	DAC Y

PAGE	4	MESS1	SRC	MESS1
114		00140	R 140153 R	DZM NAME#
115		00141	R 200132 R	LAC MESS2
116		00142	R 040001 R	DAC MESS1
117		00143	R 723004 A	AAC 4
118		00144	R 500177 R	AND (77777
119		00145	R 060156 R	DAC* (11
120		00146	R 200150 R	LAC BUFFAD
121		00147	R 600011 R	JMP TAG1
122			000000 A	.END
		00156	R 000011 A *L	
		00157	R 000012 A *L	
		00160	R 017777 A *L	
		00161	R 620000 A *L	
		00162	R 140000 A *L	
		00163	R 144000 A *L	
		00164	R 234400 A *L	
		00165	R 010000 A *L	
		00166	R 000040 A *L	
		00167	R 000177 A *L	
		00170	R 000054 A *L	
		00171	R 000137 A *L	
		00172	R 000175 A *L	
		00173	R 000015 A *L	
		00174	R 210016 A *L	
		00175	R 210017 A *L	
		00176	R 001750 A *L	
		00177	R 077777 A *L	
		SIZE=00200		NO ERROR LINES

PAGE 5 MESS1 CROSS REFERENCE

BUFFAD	00150	21 120	22	23	127	98	101	110	111
CR	00107	78	86*						
D.1	00151	32	95						
D.2	00152	29	34	103					
END	00116	80	82	93*					
LUP	00050	52*	69						
MESS1	00001	10	11	13*	104	116			
MESS2	00132	11	108*	115					
NAME	00153	19	41	59	62	114			
NFALG	00154	40	47	83					
PACK	00072	55	57	64	66	68	73*	76	85
		92							
PUSBUT	00000	12*	12	109					
TAG1	00011	21*	121						
Y	00155	17	35	113					